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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT TRANSMITTAL FORM

Applicant(s): Furman et al.

Serial No.: 10/052,591

For: HIGH DENSITY RAISED STUD MICROJOINING SYSTEM AND
METHODS OF FABRICATING THE SAME

Filed: APR 23 2002
PATENT & TRADEMARK OFFICE LLC

Examiner: Not Yet Assigned

Art Unit: Not yet assigned

Attorney Docket: YOR920010217US1

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Transmitted herewith is:

1. Information Disclosure Statement;
2. PTO Form 1449 with copies of patents and specification of pending patent;
3. Transmittal letter in duplicate; and
4. Postcard.

Please charge any additional fees or credit any such fees, if necessary to Deposit Account No. 01-0467 in the name of Ohlandt, Greeley, Ruggiero & Perle. A duplicate copy of this sheet is attached.

Respectfully submitted,

Paul D. Greeley, Esq.
Reg. No. 31,019
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One Landmark Square, 10th Floor
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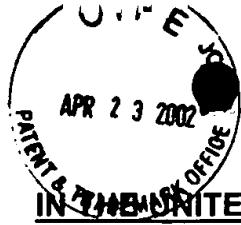
CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON APRIL 12, 2002.

Kenroy A. Browne
NAME

SIGNATURE

04/12/02
DATE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Furman et al.

Serial No.: 10/052,591

For: HIGH DENSITY RAISED STUD MICROJOINING SYSTEM AND METHODS OF FABRICATING THE SAME

Filed: January 18, 2002

Examiner: Not Yet Assigned

Art Unit: Not yet assigned

Attorney Docket: YOR920010217US1

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with applicant's duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application, filed concurrently herewith. This Information Disclosure Statement is being filed:

XXX Within three (3) months of the filing date of the national application;

 Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;

 Before the mailing date of a first Office Action on the merits;

 After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

 After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

 After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a

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certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(i)(1); and

After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the issuance of a final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(l)(1).

Enclosed are copies of U.S. Patent Nos.

6,339,024, 6,344,125; and 6,368,484.

Also enclosed is copy of specification of pending U.S. patent application:

Richard Volant, Kevin Petrarca, Peter Locke, James A. Tornello and

Donald F. Canaperi, Title: "*REPLATED METAL STRUCTURES FOR SEMICONDUCTOR DEVICES*" U.S. Patent Application Serial No.

09/567,469, filed May 9, 2000.

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,



Paul D. Greeley

Reg. No. 31,019

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April 12, 2002

Date